

## DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sol
inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject
matter which is claimed and for which a patent is sought on the invention entitled: FUNCTIONAL MUTATIONS II
RESPIRATORY SYNCYTIAL VIRUS the specification of which is attached hereto or _x was filed on September 26, 200
as Application No. 10/672,302, and was amended on (if applicable).

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/414,614	September 27, 2002
60/444,287	January 31, 2003

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status

Full Name of	Full Name:		
Inventor 1:	Hong Jin		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Cupertino	California	United States
Post Office	Post Office Address:		
Address:	22385 Santa Paula Avenue,	Cupertino, CA 95014	
Full Name of	Full Name:		
Inventor 2:	Bin Lu		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Los Altos	California	China
Post Office	Post Office Address:		
Address:	74 Los Altos Square, Los Al	ltos, California 94022	
Full Name of	Full Name:		
Inventor 3:	Xing Cheng		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Sunnyvale	California	United States
Post Office	Post Office Address:		
Address:	849 Nectarine Avenue, Sum	nyvale, California 94087	
Full Name of	Full Name:		
Inventor 4:	Helen Zhou		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Palo Alto	California	United States
Post Office	Post Office Address:		
Address:	545 Driscoll Place, Palo Alto	o, California 94306	

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Di		
Hong Jin	Bin Lu	Xing Cheng
Date 1/14/2014	Date	Date

Signature of Inventor 4

Helen Zhou

Date

Full Name of	Full Name:		
Inventor 1:	Hong Jin		
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Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Hong Jin	Bin Lu	Xing Cheng
Date	Date 1/13/2004	Date
	Signature of Inventor 4	
	Helen Zhou Date	_

Full Name of	Full Name:		
Inventor 1:	Hong Jin		
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Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Hong Jin	Bin Lu	Xing Cheng
Date	Date	Date 1/14/04
	Signature of Inventor 4	
	Helen Zhou  Date	

Full Name of	Full Name:		
Inventor 1:	Hong Jin		
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Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Hong Jin	Bin Lu	Xing Cheng
Date	Date	Date

Signature of Inventor 4

| Lelex | Helen Zhou |
| Date | - 20 - 04

Approved for use through 11/30/2005. OMB 0651-0035

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## **POWER OF ATTORNEY** and **CORRESPONDENCE ADDRESS INDICATION FORM**

**Typed or Printed Name** 

Signature

Application Number	10/672,302
Filing Date	September 26, 2003
First Named Inventor	Hong Jin
Title	Functional mutations in respiratory syncytial virus
Art Unit	1648
Examiner Name	Unassigned
Attorney Docket Number	26-000320US

Date

		Attorne	y Docket Nun	nber		26-000320	ous
I hereby appoint:							
X Practitioners associated wi	ith the Customer Number:	l _					
X Practitioner(s) named belo	ow:	PATENT	T TRADEHARK OFFICE				
Name				Re	gistration Nu	mber	
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Please recognize or change the c	correspondence address for the	above-id	lentified applic	ation to:			
The address associated	d with the above-mentioned Cust	omer Nu	umber:				
OR			<u> </u>				
The address associated with Customer Number:							
OR Firm or							
Firm or Individual Name	Quine Intellectual Property I	Law Gro	oup, P.C.				
	P.O. Box 458						
Address City	Alameda		State	CA		Zip 9450	1
	United States		1 0.0.0	CA		Lip   3430	1
	(510) 337-7871 Fax (510) 337-7877			***			
l am the: Applicant/Inventor.							
Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)							
SIGNATURE of Applicant or Assignee of Record							
Name Wildiam C Bertrand Jr.							
Signature Willia (15							
Date Telephone							
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.							
*Total of forms are submitted.							
CERTIFICATE OF MAILING							
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.							



	<u>017</u>	I EMILITI O	NDER 37 CFR 3	.7 3(1)	<u>!</u>
App	olicant: Hong Jin, e	t al.			
Арр	olication No.: <b>10/672,3</b>	02	File	d:	September 26, 200
Enti	itled: FUNCTIONAL N	IUTATIONS II	N RESPIRATORY S	YNCY	ΓIAL VIRUS
Med	dimmune Vaccines, Inc			orpora	
	(Name of Assignee)	(1	Type of Assignee, e.g., corporation	n, partnerst	ip, university, government agenc
states	that it is:				
1. <b>X</b>	the assignee of the	entire right, ti	tle, and interest; or		
2.	an assignee of an	undivided part	interest		
in the r	patent application identifi	ed above by v	irtue of either:		
·		•		معادات	West bases The
A. [ X ]	An assignment from the assignment was record				
OR	which a copy thereof is				<del>_</del>
B. [ ]	A chain of title from the current assignee as she		f the patent applicati	on ider	itified above, to the
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1,	The document was rec		atent and Trademarl		
	Reel, Frame	, or for wh	nich a copy thereof is	attach	ied.
2.	From:		To:	- Office	4
	The document was rec Reel, Frame				
3.	From:		To:		
	The document was rec		atent and Trademark		
			nich a copy thereof is		
[]	Additional documents in	n the chain of	title are listed on a si	upplem	ental sheet
[X ]Co	pies of assignments or o	ther documen	ts in the chain of title	are at	tached.
The un	dersigned (whose title is	supplied belo	w) is empowered to	sign thi	is statement on beha
the ass	signee.		0.1/1		1
	1/14/04	<u></u>	Mulh	(/	
	· Date		_	nature	
			<u>William (</u> Typed or	С. ве printed	ertrand, Jr. Iname
			Vice Presid	dent,	General Cou
				Title	



## ASSIGNMENT OF PATENT APPLICATION

**JOINT** 

WHEREAS, Hong Jin, of 22385 Santa Paula Avenue, Cupertino, CA 95014, Bin Lu of 74 Los Altos Square, Los Altos, CA 94022, Xing Cheng of 849 Nectarine Ave. Sunnyvale, CA 94087, and Helen Zhou, 545 Driscoll Place Palo Alto, CA 94306, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

MITTATIONS

Tide of		PIRATORY SYNCY	TIAL VIRUS	
Filing I	Date:	September 20	5, 2003	
Applica	ation No.:	10/672,302		; and

ETINICTIONIAT

Title of Invention:

WHEREAS, MedImmune Vaccines, Inc., a corporation, located at 297 North Bernardo Ave, Mountain View, CA 94043, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and which claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignment Application No.: 10/672,302 Page 2

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated: 1/14/2004	Hong Jin
SIGNATURE WITNESSED BY:  (1) Date: 1/14/2004	Signature of Witness
Dated:	Bin Lu
SIGNATURE WITNESSED BY:  (1) Date:	Signature of Witness
Dated:	Xing Cheng
SIGNATURE WITNESSED BY:	
(1) Date:	Signature of Witness

Dated:	Hong Jin
SIGNATURE WITNESSED BY:  (1) Date:	,
Dated: 1/13/2004	Signature of Witness  Bin Lu
SIGNATURE WITNESSED BY:  (1) Date: /-/3-04	Marsh Lavy Signature of Witness
Dated:	Xing Cheng
SIGNATURE WITNESSED BY:	
(1) Date:	Signature of Witness

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Assignment Application No.: 10/672,302 Page 2

Assignment Application No.: 10/672,302 Page 2

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated:	
	Hong Jin
SIGNATURE WITNESSED BY:  (1) Date:	
	Signature of Witness
Dated:	
Dated.	Bin Lu
SIGNATURE WITNESSED BY:	
(1) Date:	Signature of Witness
Dated: 1/14/04	Xing Cheng
SIGNATURE WITNESSED BY:  (1) Date: 1/14/04	Signature of Witness
(1) Date:	Signature of Witness

Assignment Application No.: 10/672,302 Page 3

Dated: \_\_\_\_\_\_ 1 - 20 - 200 4

SIGNATURE WITNESSED BY:

(1) Date: 20 Jan 2244